

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS**

WIRELESS MONITORING SYSTEMS	§	
LLC,	§	
	§	
Plaintiff,	§	Case No:
	§	
vs.	§	
	§	
VECTOR SECURITY, INC.	§	
	§	JURY TRIAL DEMANDED
Defendant.	§	
_____	§	

**COMPLAINT FOR PATENT INFRINGEMENT**

Plaintiff Wireless Monitoring Systems LLC (“Plaintiff” or “WMS”), by and through its attorneys, files this Complaint against Vector Security, Inc. (“Defendant” or “Vector”) for infringement of United States Patent Nos. 9,280,886 (“the ‘886 Patent”) and 8,912,893 (“the ‘893 Patent”)

**PARTIES AND JURISDICTION**

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.
2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.
3. Plaintiff is a Texas limited liability company with its office located at 101 E. Park Blvd., Suite 600 Plano, TX 75074.
4. Upon information and belief, Defendant is a Pennsylvania corporation with a principal office located at 2000 Ericsson Drive, Warrendale, PA 15086. This Court has

personal jurisdiction over Defendant because Defendant has committed, and continues to commit, acts of infringement in this District, has conducted business in this District, and/or has engaged in continuous and systematic activities in this District.

5. Upon information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in the Eastern District of Texas.

### **VENUE**

6. On information and belief, venue is proper in the Eastern District of Texas pursuant to 28 U.S.C. § 1400(b). Acts of infringement are occurring in this District. And, Defendant has a regular and established place of business in this District. For example, on information and belief, Defendant has branch location at 3416 E. Denman Ave., Lufkin, TX 75901. On information and belief, Defendant has other regular and established places of business within this District.

### **COUNT I**

#### **(INFRINGEMENT OF UNITED STATES PATENT NO. 9,280,886)**

7. Plaintiff incorporates paragraphs 1 through 6 herein by reference.

8. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, *et seq.*

9. Plaintiff is the owner by assignment of the '886 Patent with sole rights to enforce the '886 patent and sue infringers.

10. A copy of the '886 Patent, titled "Circuit Monitoring Device," is attached hereto as Exhibit A.

11. The '886 Patent is valid, enforceable, and was duly issued in full compliance

with Title 35 of the United States Code.

12. Upon information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claims 1 and 29, of the ‘886 Patent by making, using, importing, selling, and/or offering for sale wireless security systems and components for such systems, which are covered by one or more claims of the ‘886 Patent. Defendant has infringed and continues to infringe the ‘886 Patent directly in violation of 35 U.S.C. § 271.

13. Defendant sells, offers to sell, and/or uses wireless security systems, including, without limitation, the Vector Security Home Security system (including its components), the Vector Security Mobile Security app, and any similar components and systems, which infringe at least Claims 1 and 29 of the ‘886 Patent. On information and belief, these products are marketed under the names Time Warner Cable and or Spectrum.

14. The components of Defendant’s systems (e.g., contact sensors, door and window sensors, and/or the control panels) are circuit monitoring devices. For example, one or more of the components monitor the status of an electrical circuit.

15. The circuits include field devices (e.g., sensors) that are configured to provide an electrical parameter (e.g., resistance) of the circuit.

16. The circuit monitoring devices use one or more processors with a memory and an input, which receive the measured parameter.

17. The processor(s) have one or more software modules to compare a digital value of the parameter to threshold values that correspond to a “normal” condition and an “alarm” condition (and/or “open,” “closed,” “active” status, or the like). For example, when a window sensor is in a “normal” condition, a circuit on which the window sensor resides is complete. The circuit includes a magnetic field. When the window sensor is tripped and the magnetic

field is broken (e.g., because two sensors of the window sensor have been separated), the circuit changes from a complete state (e.g., with a first resistance value) to an open state (e.g., with a second resistance value). The sensor and/or the control panel include one or more processors to assign a digital value to the circuit resistance (or other circuit parameter) (e.g., 0 or 1) and compare the digital value to thresholds that represent “normal” and “alarm” conditions.

18. One or more software modules generate a status signal corresponding to the assigned status (e.g., “normal” or “alarm” condition).

19. The circuit monitoring device has a transmitter to send the status signal to a remote computing system (e.g., control panel and/or central monitoring system), which can output the status (e.g., to a control panel display or a smart communication device, such as a smartphone).

20. The sensors are circuit monitoring modules that receive a parameter (e.g., resistance) of the circuit on which the sensors reside and compare the parameter to one or more threshold values to assign a value (e.g., corresponding to a “normal” or “alarm” condition) based on the comparison.

21. The assigned value (e.g., corresponding to “normal” or “alarm”) and an identification of the sensor are communicated to a central system (e.g, control panel and/or central monitoring system).

22. The assigned value (e.g., “normal” or “alarm”) and the sensor identity are presented (e.g., to display on a remote computer, control panel, or on a user’s smart device).

23. Defendant’s actions complained of herein will continue unless Defendant is enjoined by this court.

24. Defendant's actions complained of herein are causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendants are enjoined and restrained by this Court.

25. Plaintiff is in compliance with 35 U.S.C. § 287.

**COUNT II**  
**(INFRINGEMENT OF UNITED STATES PATENT NO. 8,912,893)**

26. Plaintiff incorporates paragraphs 1 through 25 herein by reference.

27. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, et seq.

28. Plaintiff is the owner by assignment of the '893 Patent with sole rights to enforce the '893 Patent and sue infringers.

29. A copy of the '893 Patent, titled "Circuit Monitoring Device," is attached hereto as Exhibit B.

30. The '893 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

31. Upon information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claim 30, of the '893 Patent by making, using, importing, selling, and/or offering for sale wireless security systems and components for such systems covered by one or more claims of the '893 Patent. Defendant has infringed and continues to infringe the '893 Patent directly in violation of 35 U.S.C. § 271.

32. Defendant sells, offers to sell, and/or uses wireless security systems, including, without limitation, the Vector Security Home Security system (including its components), the Vector Security Mobile Security app, and any similar components and systems, which infringe

at least Claim 30 of the '893 Patent. On information and belief, these products are marketed under the names Time Warner Cable and or Spectrum.

33. The components of Defendant's systems (e.g., contact sensors, window sensors, and/or the control panels) are circuit monitoring devices. Defendant's systems use the sensors to monitor one or more electrical circuits.

34. The circuits include sensors and/or control panels that use one or more processors to receive a parameter (e.g., resistance) of the circuit.

35. The processor(s) compare a digital value of the parameter to threshold values that correspond to a "normal" condition and an "alarm" condition. For example, when a window sensor is in a "normal" condition, a circuit on which the window sensor resides is complete. The circuit includes a magnetic field. When the window sensor is tripped and the magnetic field is broken (e.g., because two sensors of the window sensor have been separated), the circuit changes from a complete state (e.g., with a first resistance value) to an open state (e.g., with a second resistance value). The sensor and/or the control panel include one or more processors to assign a digital value to the circuit resistance (or other circuit parameter) (e.g., 0 or 1) and compare the digital value to thresholds that represent "normal" and "alarm" conditions.

36. A status (e.g., "normal" or "alarm" condition) is assigned according to the digital value of the received parameter (e.g., resistance) of the circuit being within a range defined by the threshold values (e.g., a range corresponding to a "normal" or "alarm" condition).

37. The assigned value (e.g., corresponding to "normal" or "alarm") is communicated to a central monitoring system (e.g., control panel and/or central monitoring

system).

38. Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

39. Defendant's actions complained of herein are causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendants are enjoined and restrained by this Court.

40. Plaintiff is in compliance with 35 U.S.C. § 287.

### **PRAYER FOR RELIEF**

WHEREFORE, Plaintiff asks the Court to:

(a) Enter judgment for Plaintiff on this Complaint on all causes of action asserted herein;

(b) Award Plaintiff past and future damages, costs, and expenses resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;

(c) Award Plaintiff pre-judgment and post-judgment interest and costs;

(d) That this case be declared exceptional and Plaintiff be awarded its costs, expenses, and reasonable attorneys' fees in this action pursuant to 35 U.S.C. § 285; and

(e) Award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: June 14, 2017

Respectfully submitted,

*/s/Jay Johnson*

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**ATTORNEYS FOR PLAINTIFF**



## **EXHIBIT A**

## **EXHIBIT B**